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NEWS 11 MAR 22 Original IDE display format returns to REGISTRY/ZREGISTRY

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=> s polynucleotide encoding polypeptide

3 FILES SEARCHED...

12266 POLYNUCLEOTIDE ENCODING POLYPEPTIDE

=> s (ATCC deposit no.209224)

L2 0 (ATCC DEPOSIT NO.209224)

=> s "HBIAE26"

L3 5 "HBIAE26"

=> s 13 and 11

AB

L4 0 L3 AND L1

=> d 13 ti abs ibib tot

L3 ANSWER 1 OF 5 USPATFULL on STN

TI Albumin fusion proteins

The present invention encompasses albumin fusion proteins. Nucleic acid molecules encoding the albumin fusion proteins of the invention are also encompassed by the invention, as are vectors containing these nucleic acids, host cells transformed with these nucleic acids vectors, and methods of making the albumin fusion proteins of the invention and using these nucleic acids, vectors, and/or host cells. Additionally the present invention encompasses pharmaceutical compositions comprising albumin fusion proteins and methods of treating, preventing, or ameliorating diseases, disordrs or conditions using albumin fusion proteins of the invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:13611 USPATFULL
TITLE: Albumin fusion proteins

INVENTOR(S): Rosen, Craig A., Laytonsville, MD, UNITED STATES

Haseltine, William A., Washington, DC, UNITED STATES

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2004010134	A1	20040115	
APPLICATION INFO.:	US 2001-833245	A1	20010412	(9)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,

ROCKVILLE, MD, 20850

NUMBER OF CLAIMS: 29 EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 18 Drawing Page(s)

LINE COUNT: 25066

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 2 OF 5 USPATFULL on STN

TI 50 human secreted proteins

The present invention relates to novel human secreted proteins and AB isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating diseases, disorders, and/or conditions related to these novel human secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT. ACCESSION NUMBER: 2004:2568 USPATFULL

50 human secreted proteins TITLE:

Moore, Paul A., Germantown, MD, UNITED STATES INVENTOR (S):

Ruben, Steven M., Olney, MD, UNITED STATES

LaFleur, David W., Washington, DC, UNITED STATES Shi, Yanggu, Gaithersburg, MD, UNITED STATES Rosen, Craig A., Laytonsville, MD, UNITED STATES Olsen, Henrik S., Gaithersburg, MD, UNITED STATES Ebner, Reinhard, Gaithersburg, MD, UNITED STATES Brewer, Laurie A., St. Paul, MN, UNITED STATES

Human Genome Sciences, Inc., Rockville, MD (U.S. PATENT ASSIGNEE(S):

corporation)

NUMBER KIND DATE

PATENT INFORMATION: US 2004002591 A1 20040101 APPLICATION INFO.: US 2002-47021 A1 20020117 (10)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 2000-722329, filed

on 28 Nov 2000, PENDING Continuation of Ser. No. US

1999-262109, filed on 4 Mar 1999, ABANDONED

Continuation-in-part of Ser. No. WO 1998-US18360, filed

on 3 Sep 1998, PENDING

DATE NUMBER \_\_\_\_\_\_

PRIORITY INFORMATION: US 2001-262066P 20010118 (60)

US 1997-57626P 19970905 (60)
US 1997-57663P 19970905 (60)
US 1997-57669P 19970905 (60)
US 1997-58666P 19970912 (60)
US 1997-58973P 19970912 (60)
US 1997-58974P 19970912 (60)
US 1998-90112P 19980622 (60)

DOCUMENT TYPE: Utility FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,

ROCKVILLE, MD, 20850

NUMBER OF CLAIMS: 23 EXEMPLARY CLAIM:

NUMBER OF DRAWINGS: 2 Drawing Page(s)

LINE COUNT: 33379

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

T.3 ANSWER 3 OF 5 USPATFULL on STN

ΤI 50 human secreted proteins

The present invention relates to novel human secreted proteins and AB isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:238748 USPATFULL 50 human secreted proteins TITLE:

Moore, Paul A., Germantown, MD, UNITED STATES INVENTOR(S):

Ruben, Steven M., Brookeville, MD, UNITED STATES

LaFleur, David W., Washington, DC, UNITED STATES Shi, Yanggu, Gaithersburg, MD, UNITED STATES Rosen, Craig A., Laytonsville, MD, UNITED STATES Olsen, Henrik S., Gaithersburg, MD, UNITED STATES Ebner, Reinhard, Gaithersburg, MD, UNITED STATES Brewer, Laurie A., St. Paul, MN, UNITED STATES

Human Genome Sciences, Inc., Rockville, MD (U.S.

corporation)

KIND DATE NUMBER ----- -----US 2003166906 A1 20030904 US 2003-411224 A1 20030411 PATENT INFORMATION:

APPLICATION INFO .: (10)

RELATED APPLN. INFO.: Continuation of Ser. No. US 2000-722329, filed on 28

Nov 2000, PENDING Continuation of Ser. No. US 1999-262109, filed on 4 Mar 1999, ABANDONED

Continuation-in-part of Ser. No. WO 1998-US18360, filed

on 3 Sep 1998, PENDING

NUMBER DATE \_\_\_\_\_ US 1997-57626P 19970905 (60) PRIORITY INFORMATION: US 1997-57663P 19970905 (60) US 1997-57669P 19970905 (60) US 1997-58667P 19970912 (60) US 1997-58974P 19970912 (60) US 1997-58973P 19970912 (60) US 1997-58666P 19970912 (60) US 1998-90112P 19980622 (60)

DOCUMENT TYPE: Utility APPLICATION FILE SEGMENT:

LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,

ROCKVILLE, MD, 20850

NUMBER OF CLAIMS: 23 EXEMPLARY CLAIM: 1 LINE COUNT: 10438

PATENT ASSIGNEE(S):

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 4 OF 5 DGENE COPYRIGHT 2005 The Thomson Corp on STN ΤI New human secreted proteins and nucleic acids, useful for detecting,

preventing, diagnosing, prognosticating, treating and/or ameliorating e.g. gastrointestinal diseases and disorders, or cancers -

AN ABR00025 peptide DGENE

AB ABZ71190-ABZ71478 represent cDNAs corresponding to 178 human secreted protein genes, and ABP00011-ABP00299 represent the proteins they encode. ABZ71479-ABZ71540 represent human secreted protein genomic fragments. The invention also encompasses antibodies specific for the secreted proteins, the use of the secreted proteins in drug screening, and recombinant vectors and host cells comprising a nucleic acid of the invention. The secreted proteins, nucleic acids encoding them, antibodies or antibody fragments specific for the secreted proteins, and modulators of protein activity are useful for diagnosing, treating, ameliorating or preventing digestive disorders. Such conditions include disorders of the mouth, oesophagus, stomach, small intestine, large intestine, liver, biliary tract and pancreas, and include cancers of these organs and tissues. The secreted proteins and their nucleic acids may also be used in the treatment of immune disorders, inflammation, infection, hyperproliferative disorders, and to promote wound healing. Nucleic acids of the invention may be used for chromosome identification, chromosome mapping, in gene therapy, for identifying individuals from minute biological samples, as hybridisation probes, and as molecular weight markers. The present sequence represents a human secreted protein of the invention.

ACCESSION NUMBER: ABR00025 peptide DGENE

New human secreted proteins and nucleic acids, useful for TITLE: detecting, preventing, diagnosing, prognosticating, treating and/or ameliorating e.g. gastrointestinal diseases and

disorders, or cancers -

INVENTOR: Rosen C A; Ruben S M

PATENT ASSIGNEE: (HUMA-N) HUMAN GENOME SCI INC.

999p PATENT INFO: WO 2002076488 A1 20021003

APPLICATION INFO: WO 2002-US8276 20020319 PRIORITY INFO: US 2001-277340P 20010321 US 2001-306171P 20010719 US 2001-331287P 20011113

DOCUMENT TYPE: Patent LANGUAGE: English

OTHER SOURCE: 2003-029900 [02] CROSS REFERENCES: N-PSDB: ABZ71204

Human gene 15 encoded secreted protein HBIAE26, SEQ DESCRIPTION:

ID NO:314.

ANSWER 5 OF 5 DGENE COPYRIGHT 2005 The Thomson Corp on STN L3

New human secreted proteins and nucleic acids, useful for detecting, TT preventing, diagnosing, prognosticating, treating and/or ameliorating e.g. gastrointestinal diseases and disorders, or cancers -

ΑN DGENE

AB ABZ71190-ABZ71478 represent cDNAs corresponding to 178 human secreted protein genes, and ABP00011-ABP00299 represent the proteins they encode. ABZ71479-ABZ71540 represent human secreted protein genomic fragments. The invention also encompasses antibodies specific for the secreted proteins, the use of the secreted proteins in drug screening, and recombinant vectors and host cells comprising a nucleic acid of the invention. The secreted proteins, nucleic acids encoding them, antibodies or antibody fragments specific for the secreted proteins, and modulators of protein activity are useful for diagnosing, treating, ameliorating or preventing digestive disorders. Such conditions include disorders of the mouth, oesophagus, stomach, small intestine, large intestine, liver, biliary tract and pancreas, and include cancers of these organs and tissues. The secreted proteins and their nucleic acids may also be used in the treatment of immune disorders, inflammation, infection, hyperproliferative disorders, and to promote wound healing. Nucleic acids of the invention may be used for chromosome identification, chromosome mapping, in gene therapy, for identifying individuals from minute biological samples, as hybridisation probes, and as molecular weight markers. The present sequence represents a human secreted proteinencoding cDNA clone of the invention.

ACCESSION NUMBER: ABZ71204 cDNA

New human secreted proteins and nucleic acids, useful for TITLE: detecting, preventing, diagnosing, prognosticating, treating

999p

and/or ameliorating e.g. gastrointestinal diseases and

disorders, or cancers -

Rosen C A; Ruben S M INVENTOR:

PATENT ASSIGNEE: (HUMA-N) HUMAN GENOME SCI INC. PATENT INFO: WO 2002076488 A1 20021003

APPLICATION INFO: WO 2002-US8276 20020319 PRIORITY INFO: US 2001-277340P 20010321 US 2001-306171P 20010719 US 2001-331287P 20011113

DOCUMENT TYPE: Patent LANGUAGE: English

2003-029900 [02] OTHER SOURCE: CROSS REFERENCES: P-PSDB: ABR00025

DESCRIPTION: Human secreted protein-encoding gene 15 cDNA clone

HBIAE26, SEQ ID NO:25.

=> s 13 and gene

L5 5 L3 AND GENE

=> d 15 ti abs ibib tot

ANSWER 1 OF 5 USPATFULL on STN L5

ΤI Albumin fusion proteins

The present invention encompasses albumin fusion proteins. Nucleic acid AΒ molecules encoding the albumin fusion proteins of the invention are also

encompassed by the invention, as are vectors containing these nucleic acids, host cells transformed with these nucleic acids vectors, and methods of making the albumin fusion proteins of the invention and using these nucleic acids, vectors, and/or host cells. Additionally the present invention encompasses pharmaceutical compositions comprising albumin fusion proteins and methods of treating, preventing, or ameliorating diseases, disordrs or conditions using albumin fusion proteins of the invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:13611 USPATFULL Albumin fusion proteins TITLE:

Rosen, Craig A., Laytonsville, MD, UNITED STATES INVENTOR(S):

Haseltine, William A., Washington, DC, UNITED STATES

NUMBER KIND DATE \_\_\_\_\_\_ US 2004010134 A1 20040115 US 2001-833245 A1 20010412 (9) PATENT INFORMATION: APPLICATION INFO.:

NUMBER DATE

PRIORITY INFORMATION: US 2000-256931P 20001221 (60) US 2000-199384P 20000425 (60)

US 2000-229358P 20000412 (60)

Utility APPLICATION DOCUMENT TYPE: FILE SEGMENT:

LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,

ROCKVILLE, MD, 20850

NUMBER OF CLAIMS: 29
EXEMPLARY CLAIM: 1
NUMBER OF DEALURGE EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 18 Drawing Page(s)
LINE COUNT: 25000

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 2 OF 5 USPATFULL on STN L5

TI50 human secreted proteins

The present invention relates to novel human secreted proteins and ABisolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating diseases, disorders, and/or conditions related to these novel human secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:2568 USPATFULL

50 human secreted proteins TITLE:

Moore, Paul A., Germantown, MD, UNITED STATES INVENTOR (S): Ruben, Steven M., Olney, MD, UNITED STATES

LaFleur, David W., Washington, DC, UNITED STATES Shi, Yanggu, Gaithersburg, MD, UNITED STATES Rosen, Craig A., Laytonsville, MD, UNITED STATES Olsen, Henrik S., Gaithersburg, MD, UNITED STATES Ebner, Reinhard, Gaithersburg, MD, UNITED STATES Brewer, Laurie A., St. Paul, MN, UNITED STATES

PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD (U.S.

corporation)

NUMBER KIND DATE US 2004002591 A1 20040101 US 2002-47021 A1 20020117 (10) PATENT INFORMATION: APPLICATION INFO.: RELATED APPLN. INFO.:

Continuation-in-part of Ser. No. US 2000-722329, filed on 28 Nov 2000, PENDING Continuation of Ser. No. US

1999-262109, filed on 4 Mar 1999, ABANDONED Continuation-in-part of Ser. No. WO 1998-US18360, filed

on 3 Sep 1998, PENDING

NUMBER DATE \_\_\_\_\_\_ US 2001-262066P 20010118 (60) PRIORITY INFORMATION: US 1997-57626P 19970905 (60) US 1997-57663P 19970905 (60) 19970905 (60) US 1997-57669P 19970912 (60) US 1997-58666P US 1997-58667P 19970912 (60) US 1997-58973P 19970912 (60) US 1997-58974P 19970912 (60) US 1998-90112P 19980622 (60)

DOCUMENT TYPE: Utility FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,

ROCKVILLE, MD, 20850

NUMBER OF CLAIMS: 23
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 2 Drawing Page(s)
LINE COUNT: 33379

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 3 OF 5 USPATFULL on STN

50 human secreted proteins TI

The present invention relates to novel human secreted proteins and AB isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:238748 USPATFULL 50 human secreted proteins TITLE:

Moore, Paul A., Germantown, MD, UNITED STATES INVENTOR(S): Ruben, Steven M., Brookeville, MD, UNITED STATES LaFleur, David W., Washington, DC, UNITED STATES Shi, Yanggu, Gaithersburg, MD, UNITED STATES Rosen, Craig A., Laytonsville, MD, UNITED STATES Olsen, Henrik S., Gaithersburg, MD, UNITED STATES Ebner, Reinhard, Gaithersburg, MD, UNITED STATES Brewer, Laurie A., St. Paul, MN, UNITED STATES

Human Genome Sciences, Inc., Rockville, MD (U.S. PATENT ASSIGNEE(S):

corporation)

NUMBER KIND DATE \_\_\_\_\_\_ US 2003166906 A1 20030904 US 2003-411224 A1 20030411 PATENT INFORMATION: (10) APPLICATION INFO.:

Continuation of Ser. No. US 2000-722329, filed on 28 RELATED APPLN. INFO.:

> Nov 2000, PENDING Continuation of Ser. No. US 1999-262109, filed on 4 Mar 1999, ABANDONED

Continuation-in-part of Ser. No. WO 1998-US18360, filed

on 3 Sep 1998, PENDING

DATE NUMBER \_\_\_\_\_ US 1997-57626P 19970905 (60) PRIORITY INFORMATION: US 1997-5763P 19970905 (60)
US 1997-57669P 19970905 (60)
US 1997-58667P 19970912 (60)
US 1997-58974P 19970912 (60)
US 1997-58666P 19970912 (60)
US 1998-90112P 19980622 (60)

DOCUMENT TYPE: Utility APPLICATION FILE SEGMENT:

LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,

ROCKVILLE, MD, 20850

NUMBER OF CLAIMS: EXEMPLARY CLAIM: LINE COUNT: 10438

ΤI

AB

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 4 OF 5 DGENE COPYRIGHT 2005 The Thomson Corp on STN

New human secreted proteins and nucleic acids, useful for detecting, preventing, diagnosing, prognosticating, treating and/or ameliorating

e.g. gastrointestinal diseases and disorders, or cancers -

**DGENE** AN ABR00025 peptide

ABZ71190-ABZ71478 represent cDNAs corresponding to 178 human secreted protein genes, and ABP00011-ABP00299 represent the proteins they encode. ABZ71479-ABZ71540 represent human secreted protein genomic fragments. The invention also encompasses antibodies specific for the secreted proteins, the use of the secreted proteins in drug screening, and recombinant vectors and host cells comprising a nucleic acid of the invention. The secreted proteins, nucleic acids encoding them, antibodies or antibody fragments specific for the secreted proteins, and modulators of protein activity are useful for diagnosing, treating, ameliorating or preventing digestive disorders. Such conditions include disorders of the mouth, oesophagus, stomach, small intestine, large intestine, liver, biliary tract and pancreas, and include cancers of these organs and tissues. The secreted proteins and their nucleic acids may also be used in the treatment of immune disorders, inflammation, infection, hyperproliferative disorders, and to promote wound healing. Nucleic acids of the invention may be used for chromosome identification, chromosome mapping, in gene therapy, for identifying individuals from minute biological samples, as hybridisation probes, and as molecular weight markers. The present sequence represents a human secreted protein of the invention.

ACCESSION NUMBER: ABR00025 peptide DGENE

New human secreted proteins and nucleic acids, useful for TITLE:

detecting, preventing, diagnosing, prognosticating, treating

and/or ameliorating e.g. gastrointestinal diseases and

disorders, or cancers -

Rosen C A; Ruben S M INVENTOR:

PATENT ASSIGNEE: (HUMA-N) HUMAN GENOME SCI INC.

999p PATENT INFO: WO 2002076488 A1 20021003

20020319 APPLICATION INFO: WO 2002-US8276 PRIORITY INFO: US 2001-277340P 20010321

US 2001-306171P 20010719 US 2001-331287P 20011113

DOCUMENT TYPE: Patent LANGUAGE: English

2003-029900 [02] OTHER SOURCE: CROSS REFERENCES: N-PSDB: ABZ71204

DESCRIPTION: Human gene 15 encoded secreted protein

HBIAE26, SEQ ID NO:314.

ANSWER 5 OF 5 DGENE COPYRIGHT 2005 The Thomson Corp on STN 1.5

TТ New human secreted proteins and nucleic acids, useful for detecting, preventing, diagnosing, prognosticating, treating and/or ameliorating

e.g. gastrointestinal diseases and disorders, or cancers -

ABZ71204 cDNA AN DGENE

ABZ71190-ABZ71478 represent cDNAs corresponding to 178 human secreted AB protein genes, and ABP00011-ABP00299 represent the proteins they encode. ABZ71479-ABZ71540 represent human secreted protein genomic fragments. The invention also encompasses antibodies specific for the secreted proteins, the use of the secreted proteins in drug screening, and recombinant vectors and host cells comprising a nucleic acid of the invention. The secreted proteins, nucleic acids encoding them, antibodies or antibody fragments specific for the secreted proteins, and modulators of protein activity are useful for diagnosing, treating, ameliorating or preventing digestive disorders. Such conditions include disorders of the mouth, oesophagus, stomach, small intestine, large intestine, liver, biliary tract and pancreas, and include cancers of these organs and tissues. The

secreted proteins and their nucleic acids may also be used in the treatment of immune disorders, inflammation, infection, hyperproliferative disorders, and to promote wound healing. Nucleic acids of the invention may be used for chromosome identification, chromosome mapping, in gene therapy, for identifying individuals from minute biological samples, as hybridisation probes, and as molecular weight markers. The present sequence represents a human secreted protein-encoding cDNA clone of the invention.

ACCESSION NUMBER: ABZ71204 cDNA DGENE

TITLE: New human secreted proteins and nucleic acids, useful for

detecting, preventing, diagnosing, prognosticating, treating

and/or ameliorating e.g. gastrointestinal diseases and

disorders, or cancers - Rosen C A; Ruben S M

PATENT ASSIGNEE: (HUMA-N) HUMAN GENOME SCI INC.

PATENT INFO: WO 2002076488 A1 20021003 999p

APPLICATION INFO: WO 2002-US8276 20020319 PRIORITY INFO: US 2001-277340P 20010321 US 2001-306171P 20010719

US 2001-306171P 20010719 US 2001-331287P 20011113

DOCUMENT TYPE: Patent LANGUAGE: English

INVENTOR:

OTHER SOURCE: 2003-029900 [02] CROSS REFERENCES: P-PSDB: ABR00025

DESCRIPTION: Human secreted protein-encoding gene 15 cDNA clone

HBIAE26, SEQ ID NO:25.